

ABSTRACT OF THE DISCLOSURE

Annulus fibrosis reconstruction methods use devices similar to those used in reconstruction of the ACL of the knee. Tendon (allograft or autograft) or tendon connected to bones (allograft or autograft) is grafted across the disc space and into the vertebrae. The grafts can be held in position with interference screws. The screws could
5 be resorbable. The reconstructed annulus would a) help to control the movement between the vertebrae, for example, rotation, translocation, and bending; and b) help prevent the extrusion of devices or material from the disc space. A shape-changing material, clamp or cable tie may also be used to increase the height of an intradiscal device according to the invention. Additional fixation features may be added around a
10 hoop or band to enhance surface area or prevent "pull-out."